

EXTRA

RHINO
ecowash

Rhino Ecowash Extra

High performance spray wash system with effective recycling

The Rhino Ecowash Extra is an automatically activated drive through spray wash system designed to prevent the spread of site dirt and debris on to public highways. Like many systems in the Rhino Ecowash range, it is powered by inverter-driven pumps to provide up to 50% operational cost savings, unrivalled reliability and total flexibility of wash pressure. This closed loop system also effectively recycles the water it uses.

The Rhino Ecowash Extra comprises a robust 4m or 6m wash platform, optional 3m ramps and water recycling tanks totalling 36,000 litres capacity. All items are made from heavy duty steel. The system is supplied with quality pumps and controls housed in a lockable kiosk.

The newly-improved wash platform benefits from 8 strategically positioned water delivery pipes that deliver narrow fans of spray up to 4.2 bar to a targeted location on each tyre. The staggered positioning of the nozzles ensures the whole tyre is cleaned without the occurrence of striping. The standard spray pattern is configured to minimise overspray and high side screens come as standard to ensure wash water is deflected back into the wash platform. The wash operates with on-off sensors ensuring water is only sprayed when a vehicle is present in the wash platform.

A unique 3-chamber side sump, removable grids and improved separate wash down programme make it the easiest system available to clean and maintain. Guide rails are supplied in sections for easy replacement in the unlikely event of damage.

The water recycling tank is divided into three sections by baffle and weir plates to aid particulate settlement and water quality. Each chamber is fitted with valves for easy sludge removal. A high capacity header tank is supplied to ensure there is always sufficient clean water for use on demand. A mechanical ball valve enables automatic top-up from a mains water supply, when required.

This system is supplied with a hand lance as standard for additional, mobile washing.



inverter

-50%

operational
costs



4.2 BAR



63 amps
45 kva



36,000 l
water recycling



1-2 revolutions



mobile



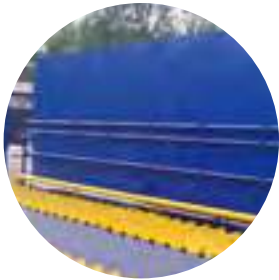
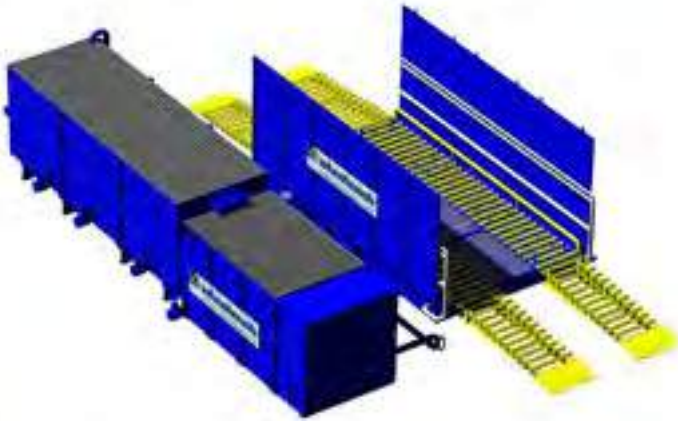
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external sump



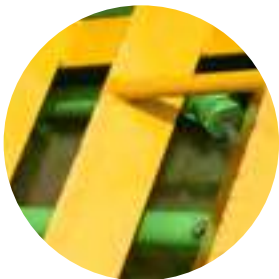
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*Unique, effective
spray design*



*Adjustable power and
reduced costs
with the inverter*



*Unique washdown
Removable grids*



*Enhanced settlement
with easy empty valves*

Additional Information

We supply:

- Free of charge site consultations
- Technical drawings, RAMS & lifting plans
- 12/weekly service visits included in hire rates
- Maintenance contracts for purchased units
- Technical support from trained and experienced engineers

	4 m	6 m
Wash Platform	4000mm x 3300mm x 415mm	6000mm x 3300mm x 415mm
Ramps**	3000mm x 1100mm x 415mm	3000mm x 1100mm x 415mm
Mobile Road**	3000mm x 1100mm x 415mm	3000mm x 1100mm x 415mm
Wash Pump	22 Kw, 1850 L/min	30 Kw, 1850 L/min
Recovery Pump	3.8 Kw, 1050 L/min	3.8 Kw, 1050 L/min
Settlement Tank	6000mm x 2000mm x 2000mm 24,000 L capacity	6000mm x 2000mm x 2000mm 24,000 L capacity
Pump/Header Tank	4000mm x 2000mm x 2000mm 12,000 L capacity	4000mm x 2000mm x 2000mm 12,000 L capacity
Side Screens (Each)	2000mm x 2000mm x 43mm (4)	2000mm x 2000mm x 43mm (6)
Handlance	10m	12m
Sensors	entry and exit	entry and exit
Power requirement	415v, 3phase 60amps, 40kva	415v, 3phase 80amps, 60kva

Customer Requirements

- Clear lifting zone for offloading with Hiab
- Compacted level hardcore or concrete / tarmac base for the system and associated ramps and tanks
- Provision of at least 20,000 litres of water at time of installation / commissioning
- Suitable qualified electrician to hardwire the mains or generator cable
- Nominated site personnel to be available for training



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